

Title (en)  
TWO-SIDED THERMAL PRINTING

Title (de)  
ZWEISEITIGE THERMALE BEDRUCKUNG

Title (fr)  
IMPRESSION THERMIQUE DOUBLE FACE

Publication  
**EP 1976703 A2 20081008 (EN)**

Application  
**EP 06848017 A 20061220**

Priority  
• US 2006048994 W 20061220  
• US 31461305 A 20051221

Abstract (en)  
[origin: US2006159503A1] Dual-sided direct thermal printing of a thermal imaging element having thermally sensitive coatings on opposite sides of a substrate is described, where the thermal imaging element is provided along a feed path of a thermal printer having print heads disposed on opposite sides of the feed path. Printing on both sides of the thermal imaging element is achieved by applying variable energy heat pulses from the opposed print heads.

IPC 8 full level  
**B41J 2/32** (2006.01)

CPC (source: EP US)  
**B41J 2/32** (2013.01 - EP US); **B41J 2/355** (2013.01 - EP US); **B41J 3/60** (2013.01 - EP US)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**US 2006159503 A1 20060720; US 7589752 B2 20090915**; CN 101309803 A 20081119; CN 101309803 B 20140528; EP 1976703 A2 20081008; EP 1976703 A4 20110629; EP 1976703 B1 20121114; ES 2396443 T3 20130221; JP 2009521345 A 20090604; JP 5207384 B2 20130612; WO 2007076000 A2 20070705; WO 2007076000 A3 20080502

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**US 31461305 A 20051221**; CN 200680016026 A 20061220; EP 06848017 A 20061220; ES 06848017 T 20061220; JP 2008547599 A 20061220; US 2006048994 W 20061220